

1 **WHAT IS CLAIMED IS:**

- 2 1. A cargo lift for a vehicle comprising
- 3 an upper stanchion;
- 4 a wing attached to the upper stanchion,
- 5 a motor having a first piston and mounted on the upper stanchion,
- 6 a lower stanchion mounted inside the upper stanchion, connected to the
- 7 first piston and having
- 8 a distal end;
- 9 a transverse portion securely mounted on the distal end of the
- 10 lower stanchion;
- 11 two pivot arms attached to the transverse portion of the lower
- 12 stanchion; and
- 13 a large roller mounted on the distal end of the lower stanchion;
- 14 a platform mounted on the distal end of the lower stanchion;
- 15 two platform brackets pivotally mounted on the platform and each
- 16 platform bracket having an outer sidewall, the pivot arms of the lower
- 17 stanchion attached to the outer sidewall of the platform bracket;
- 18 a roller bracket mounted on the platform and having
- 19 an upper transverse arm with a rear end; and
- 20 a small roller rotatably attached to the rear end of the upper
- 21 transverse arm;
- 22 a mounting bracket adapted to mounted on a vehicle and having
- 23 a transverse arm adapted to mounted on a vehicle; and
- 24 a longitudinal arm pivotally mounted on the wing;

1 a spring-loaded holder mounted on one of the wing and having
2 a cylinder with an inner concavity mounted on the wing;
3 a compressed spring inserted inside the inner concavity of the
4 cylinder; and

5 a second piston extending through the cylinder and having
6 a rear end inserted through the compressed spring and
7 fixed by a nut; and

8 a front enlarged end; and
9 an actuating arm pivoted with the wing and having
10 a proximal end pivoting with the wing;
11 a rear side abutted with the front end of the second piston.

12 2. The cargo lift for a vehicle as claimed in claim 1, the spring-loaded
13 holder further comprises a return spring which has a front end and a rear end,
14 and an L-shaped rod mounted on the wing near the cylinder, wherein the front
15 end of the return spring is attached to the actuating arm and the rear end of the
16 return spring is attached to the L-shaped rod.